

Appl. No. 09/998,806
Atty. Docket No. 8317
Amdt. dated 7/13/2004
Reply to Office Action of 12/12/03
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. *(Currently amended)* A multi-layer substrate suitable for incorporation in a premoistened wipe for cleaning surfaces, said substrate comprising:

(a) at least one reservoir layer; wherein a first reservoir layer has a basis weight of at least about 5 15 gsm and comprises:

- (i) from about 5% to about 100%, by weight of said first reservoir layer, of carded hydrophilic polypropylene fibers and mixtures thereof with other carded hydrophilic fibers; and
- (ii) from about 0% to about 95% by weight of said first reservoir layer, of carded hydrophobic fibers;

wherein the total basis weight of said reservoir layer(s) is from about 10% to about 95% of the total basis weight of said multi-layer substrate; and

(b) at least one surface contacting layer; wherein a first surface contacting layer has a basis weight of at least about 5 gsm and comprises:

- (i) from about 10% to about 95%, by weight of said first surface contacting layer, of carded hydrophilic polypropylene fibers and mixtures thereof with other carded hydrophilic fibers; and
- (ii) from about 5% to about 100%, by weight of said first surface contacting layer, of carded hydrophobic fibers;

wherein the total basis weight of said surface contacting layer(s) is from about 10% to about 95% of the total basis weight of said multi-layer substrate, and wherein said layers (a) and (b) are bonded to one another via patterned thermal bonding having about 1-40 bonds/cm².

2. *(Previously presented)* The multi-layer substrate of Claim 1, wherein said first reservoir layer has a basis weight of at least about 15 gsm and comprises: (i) from about 25% to about 80%, by weight of said first reservoir layer, of hydrophilic fibers, and (ii) from about 25% to about 75%, by weight of said first reservoir layer, of hydrophobic fibers, wherein the total basis weight of said reservoir layer(s) is from about 20% to about 80% of the total basis weight of said multi-

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layer substrate; and wherein said first surface contacting layer has a basis weight of at least about 10 gsm and comprises: (i) from about 10% to about 75%, by weight of said first surface contacting layer, of hydrophilic fibers, and (ii) from about 25% to about 90%, by weight of said first surface contacting layer, of hydrophobic fibers, wherein the total basis weight of said surface contacting layer(s) is from about 20% to about 80% of the total basis weight of said multi-layer substrate.

3. *(Previously presented)* The multi-layer substrate of Claim 2, wherein said first reservoir layer has a basis weight of at least about 25 gsm and comprises: (i) from about 40% to about 50%, by weight of said first reservoir layer, of hydrophilic fibers, and (ii) from about 50% to about 60%, by weight of said first reservoir layer, of hydrophobic fibers, wherein the total basis weight of said reservoir layer(s) is from about 35% to about 60% of the total basis weight of said multi-layer substrate; and wherein said first surface contacting layer has a basis weight of at least about 20 gsm and comprises: (i) from about 20% to about 50%, by weight of said first surface contacting layer, of hydrophilic fibers, and (ii) from about 50% to about 80%, by weight of said first surface contacting layer, of hydrophobic fibers, wherein the total basis weight of said surface contacting layer(s) is from about 35% to about 60% of the total basis weight of said multi-layer substrate.

4. *(Previously presented)* The multi-layer substrate of Claim 1, wherein said layers comprise a mixture of said hydrophilic polypropylene and a member selected from the group consisting of cellulosic fibers, modified cellulosic fibers, cotton, reconstituted or regenerated cellulosic fibers, hydrophilic nylon fibers, polylactic acid fibers, chemically stiffened cellulosic fibers, capillary channel fibers, polyethylene, hydrophobic polypropylene, polyethylene terephthalate, nylon, bicomponent fibers, and mixtures thereof.

5. *(Previously presented)* The multi-layer substrate of Claim 1, wherein said reservoir layer comprises a mixture of said hydrophilic polypropylene fibers and reconstituted or regenerated cellulosic fibers; and wherein said surface contacting layer comprises a mixture of said hydrophilic polypropylene fibers and a member selected from the group consisting of polyethylene terephthalate fibers reconstituted or regenerated cellulosic fibers, and mixtures thereof.

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6. *(Previously presented)* The multi-layer substrate of Claim 1, wherein said multi-layer substrate is essentially free of water swellable polymers.

7. *(Previously presented)* The multi-layer substrate of Claim 1, wherein said substrate is essentially free of a binder material.

Claims 8-14. *(Canceled)*

15. *(Previously presented)* The multi-layer substrate of Claim 1, wherein said multi-layer substrate consists of two layers.

Claims 16-17. *(Canceled)*

18. *(Previously presented)* A premoistened wipe for cleaning a surface, said premoistened wipe comprising:

- (a) a multi-layer substrate according to Claim 1; and
- (b) a liquid composition impregnated onto said substrate, said liquid composition comprising a surfactant system and/or a solvent system; wherein said surfactant system comprises a surfactant selected from the group consisting of anionic surfactants, nonionic surfactants, amphoteric surfactants, zwitterionic surfactants, and mixtures thereof.

19. *(Previously presented)* The premoistened wipe of Claim 18, wherein said liquid composition is loaded onto said substrate at a level of from about 50% to about 600%, by weight of said substrate.

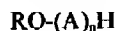
20. *(Previously presented)* The premoistened wipe of Claim 19, wherein said liquid composition is loaded onto said substrate at a level of from about 100% to about 400%, by weight of said substrate.

21. *(Previously presented)* The premoistened wipe of Claim 20, wherein said liquid compositions is loaded onto said substrate at a level of from about 200% to about 350%, by weight of said substrate.

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22. *(Previously presented)* The premoistened wipe of Claim 18, wherein said surfactant is a nonionic surfactant.

23. *(Previously presented)* The premoistened wipe of Claim 22, wherein said nonionic surfactant is an alkoxyated nonionic surfactant having the formula:



wherein R is a C₆ to C₂₂ alkyl group; A is an ethoxy, propoxy, or butoxy group; and n is from about 0 to about 20.

24. *(Previously presented)* The premoistened wipe of Claim 23, wherein said R is a C₈ to C₂₂ alkyl group.

25. *(Previously presented)* The premoistened wipe of Claim 18, wherein said composition further comprises an organic acid.

26. *(Previously presented)* The premoistened wipe of Claim 25, wherein said organic acid is citric acid.

27. *(Previously presented)* The premoistened wipe of Claim 18, wherein said surfactant system comprises a nonionic surfactant and an amphoteric surfactant.

28. *(Previously presented)* The premoistened wipe of Claim 27, wherein said nonionic surfactant is an alkoxyated surfactant and said amphoteric surfactant is an amine oxide surfactant.

29. *(Previously presented)* A method of treating a surface with a composition, wherein said method comprises the step of contacting said surface with a premoistened wipe according to Claim 18.